

Dr Shaik Fayaz Ahamed



Designation : Associate Professor
E-Mail ID : fayaz@vrsiddhartha.ac.in
Contact at : Department of Electronics and Communication Engineering,
 Velagapudi Ramakrishna Siddhartha Engineering College,
 Kanuru, Vijayawada, Andhra Pradesh 520007.

Education

Ph. D (Electronics and Communication Engineering)

2017, Andhra University, Visakhapatnam

M.E (Electronics and Communication Engineering)

2006, Andhra University, Visakhapatnam

B.Tech (Electronics and Communication Engineering)

2005, Jawaharlal Nehru Technological University, Hyderabad

Experience

Period	Designation	Institution / Organization	Key Responsibilities
2018- till date	Associate Professor	Velagapudi Ramakrishna Siddhartha Engineering College	Curriculum design, Ph.D./PG guidance, research publications, academic leadership, NBA/NAAC coordination.
2006-2018	Assistant Professor	Velagapudi Ramakrishna Siddhartha Engineering College	Teaching, Research and Administrative duties

Research Interests

Broad Area of Research :

Signal Processing, Global Positioning System, Embedded Systems, Machine Learning

Honors and Awards

Nil

Courses Taught

S.No	Course Name	Level (UG/PG)
1	Hardware Software Codesign	PG
2	ARM architectures for Embedded Systems	PG
3	Real Time Operating System	PG & UG
4	DSP Processors and Architectures	PG & UG
5	Digital Signal Processing, Signals and Systems, Microcontrollers, Digital Electronics etc.	UG

Research Profile

Publications

The recent publications and research contributions can be viewed from the following URLs

Google Scholar	https://scholar.google.com/citations?user=tZ6YJQEAAAAJ&hl=en
Scopus	https://www.scopus.com/authid/detail.uri?authorId=57189868672
ORCID	http://orcid.org/0000-0002-5975-649X
Publons	https://publons.com/researcher/3697812/shaik-fayaz-ahamed/
Research Gate	https://www.researchgate.net/profile/Fayaz_Shaik6
LinkedIn	https://www.linkedin.com/in/shaik-fayaz-ahamed-b283ba34/

Recognized Research Supervisor

S.No.	Department	University
01.	Electronics and Communication Engineering	Jawaharlal Nehru Technological University, Kakinada
02.	Electronics and Communication Engineering	Siddhartha Academy of Higher Education

Funded Research Projects

S.No.	Type	Title	Status	Funding Agency	Amount (INR)	Duration
-------	------	-------	--------	----------------	--------------	----------

Administrative Roles

S.No.	Role	Institution	Duration	Responsibilities
1	Convener – Minority Cell	VRSEC	2021-Present	safeguarding the interests of minority students, facilitating welfare schemes, organizing awareness programs, addressing grievances, and ensuring inclusivity in line with UGC/AICTE guidelines.

Certifications/MOOC Courses Completed

S.No.	Title	Platform	Duration	Year
1.	Introduction to Machine Learning	NPTEL	8 Weeks	2024

Consultancy / Industry Projects

Completed	03
On-going	00
Applied	01

Patents

S.No	Title	Status	Application No.	Year
1.	AN INTELLIGENT UAV-BASED CLUSTERING AND CHARGING FRAMEWORK USING ML FOR SMART IRRIGATION TO IMPROVE AGRICULTURE	Published	202541065659	2025

Ph.D

Awarded	00
Guiding	01

Professional Service / Reviewer

- Reviewer in Integration, Elsevier
- Reviewer in IEEE Access
-

Professional Development Activities - Participations

Faculty Development and Training Programmes (at least 5 Days)	13
International / National Level Seminars	06 / 02
International / National Level Conferences	02 / 06
Workshops	10
Instructor Led / Self-Paced Courses	14
Webinars	10

Professional Bodies Membership Details

S.No.	Membership No.	Society Name
1.	F-502906	IETE
2.	93352469	IEEE

(Dr Shaik Fayaz Ahamed)
